

PATENTS #3/  
JAN 14 2003  
PRN/AMW

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of LUTZ AXEL MAY, et al.

Serial No.

Filed:

For: MAGNETISED TRANSDUCER ELEMENT FOR TORQUE OR FORCE SENSOR

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231  
Box Non-Fee Amendment

Sir:

Please enter this amendment prior to calculating the filing fee for this case.

IN THE CLAIMS

A marked-up version of the claims is attached as Exhibit A (5 pages) hereto.

A clean version of the claims follows:

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- Sub AS
1. A transducer element for a torque or force transducer comprising a member having a structure which extends generally radially of an axis to transmit a stress between a radially inner region of the structure and a radially outer region, and at least one region of permanent magnetisation disposed between said inner and outer regions to be responsive to the transmitted stress and emanate a stress-dependent magnetic field.
  2. A transducer element as claimed in claim 1 in which there are two magnetised regions, a radially inner region and a radially outer region between which a stress-dependent field is established.